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Table 1

M77.txt	SEQ ID NO 57
M118.txt	SEQ ID NO 58
MY221.txt	SEQ ID NO 59
MY223.txt	SEQ ID NO 60
MY225.txt	SEQ ID NO 61
MY341.txt	SEQ ID NO 62
ly715.txt	SEQ ID NO 63
MY470.txt	SEQ ID NO 64
ATCC4-go.txt	SEQ ID NO 65
ATCC4-0-Gord.txt	SEQ ID NO 66
M78(1z).txt	SEQ ID NO 67
M79(jd).txt	SEQ ID NO 68
M80(1g).txt	SEQ ID NO 69
M81(1l).txt	SEQ ID NO 70
M82(1m).txt	SEQ ID NO 71
M83(mb).txt	SEQ ID NO 72
M84(ow).txt	SEQ ID NO 73
M85(1b).txt	SEQ ID NO 74
M86(fb).txt	SEQ ID NO 75
M87(wr).txt	SEQ ID NO 76
MY90(gordDB).txt	SEQ ID NO 77
m126.txt	SEQ ID NO 78
M128.txt	SEQ ID NO 79
MY103.txt	SEQ ID NO 80
MY475.txt	SEQ ID NO 81
MY476.txt	SEQ ID NO 82
MY830.txt	SEQ ID NO 83
ATCC5-int.txt	SEQ ID NO 84
ATCC5-0int.txt	SEQ ID NO 85
M18.txt	SEQ ID NO 86
M19.txt	SEQ ID NO 87
M20.txt	SEQ ID NO 88
M21.txt	SEQ ID NO 89
M22.txt	SEQ ID NO 90
M23.txt	SEQ ID NO 91
M24.txt	SEQ ID NO 92
M25.txt	SEQ ID NO 93
M26.txt	SEQ ID NO 94
M27.txt	SEQ ID NO 95
M28.txt	SEQ ID NO 96
MY107.txt	SEQ ID NO 97
MY107.txt	SEQ ID NO 98
MY112.txt	SEQ ID NO 99
MY312.txt	SEQ ID NO 100
ATCC6-kan.txt	SEQ ID NO 101
ATCC6-OKan.txt	SEQ ID NO 102
M1.txt	SEQ ID NO 103
M2.txt	SEQ ID NO 104
M3.txt	SEQ ID NO 105
M4.txt	SEQ ID NO 106
M6.txt	SEQ ID NO 107
M7.txt	SEQ ID NO 108
M9.txt	SEQ ID NO 109
M57.txt	SEQ ID NO 110
M58.txt	SEQ ID NO 111
M59.txt	SEQ ID NO 112

[illegible]

## Table 1

**BASE NOS 1-60**

[illegible]

M38. txt  
M39. txt  
M40. txt  
M41. txt  
M42. txt  
M43. txt  
M44. txt  
M45. txt  
M46. txt  
M47. txt  
M68 (Mav6  
M89. txt  
M66 (Mav4

SEQ ID NO 169  
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SEQ ID NO 172  
SEQ ID NO 173  
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SEQ ID NO 175  
SEQ ID NO 176  
SEQ ID NO 177  
SEQ ID NO 178  
SEQ ID NO 179  
SEQ ID NO 180  
SEQ ID NO 181

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 217. **Figure 208**

Table 1  
BASE NOS 61-120

ATCC9-Mtb.txt	SEQ ID NO 1	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
MY621.txt	SEQ ID NO 2	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
Atcc1-av.txt	SEQ ID NO 3	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M29.txt	SEQ ID NO 4	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M30.txt	SEQ ID NO 5	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M31.txt	SEQ ID NO 6	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M32.txt	SEQ ID NO 7	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M33.txt	SEQ ID NO 8	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M34.txt	SEQ ID NO 9	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M38-new.txt	SEQ ID NO 10	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M49.txt	SEQ ID NO 11	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M64(Mav2).txt	SEQ ID NO 12	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M65(Mav3).txt	SEQ ID NO 13	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M67(Mav5).txt	SEQ ID NO 14	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M69(Mav7).txt	SEQ ID NO 15	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M71(Mav9).txt	SEQ ID NO 16	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M91.txt	SEQ ID NO 17	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M94.txt	SEQ ID NO 18	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M95.txt	SEQ ID NO 19	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M96.txt	SEQ ID NO 20	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M100.txt	SEQ ID NO 21	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M101.txt	SEQ ID NO 22	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M102.txt	SEQ ID NO 23	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M104.txt	SEQ ID NO 24	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M105.txt	SEQ ID NO 25	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M106.txt	SEQ ID NO 26	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
MY111.txt	SEQ ID NO 27	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M76.txt	SEQ ID NO 28	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
MY451.txt	SEQ ID NO 29	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
ATCC2-cholesterol.txt	SEQ ID NO 30	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M10.txt	SEQ ID NO 31	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M11-662.txt	SEQ ID NO 32	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M12.txt	SEQ ID NO 33	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M13 2 662.txt	SEQ ID NO 34	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M14.txt	SEQ ID NO 35	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M15.txt	SEQ ID NO 36	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M16.txt	SEQ ID NO 37	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M17 2 662.txt	SEQ ID NO 38	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M50.txt	SEQ ID NO 39	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M51.txt	SEQ ID NO 40	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M15.txt	SEQ ID NO 41	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M16.txt	SEQ ID NO 42	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M19.txt	SEQ ID NO 43	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
MY109.txt	SEQ ID NO 44	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
MY200.txt	SEQ ID NO 45	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
MY207.txt	SEQ ID NO 46	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
MY209.txt	SEQ ID NO 47	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M122.txt	SEQ ID NO 48	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M123.txt	SEQ ID NO 49	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M124.txt	SEQ ID NO 50	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
Atcc3-for.txt	SEQ ID NO 51	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M53.txt	SEQ ID NO 52	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M54.txt	SEQ ID NO 53	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M55.txt	SEQ ID NO 54	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M56.txt	SEQ ID NO 55	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG
M74(Mav12).txt	SEQ ID NO 56	CGATCAAGGAGTCTTCGGGACCGAGCCAGCTGAG

Table 1  
BASE NOS 61-120[illegible]

BASE NOS 61-120

SEQ ID NO 167



Table 1  
BASE NOS 61-120

M38. txt	SEQ ID NO 169	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M39. txt	SEQ ID NO 170	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M40. txt	SEQ ID NO 171	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M41. txt	SEQ ID NO 172	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M42. txt	SEQ ID NO 173	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M43. txt	SEQ ID NO 174	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M44. txt	SEQ ID NO 175	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M45. txt	SEQ ID NO 176	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M46. txt	SEQ ID NO 177	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M47. txt	SEQ ID NO 178	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M48 (Mav6) . txt	SEQ ID NO 179	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M49. txt	SEQ ID NO 180	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC
M56 (Mav4) . txt	SEQ ID NO 181	CGATCAAGGAGTTCCTTCGGGCA	CCAGCCAGCTCTTCATGGAT	CAGAACAA	CCCGC



M177.txt  
 M118.txt  
 M221.txt  
 M223.txt  
 M225.txt  
 M341.txt  
 M715.txt  
 M740.txt  
 Atcc4-go.txt  
 ATCC4-0-Gord.txt  
 M78(1z).txt  
 M79(3d).txt  
 M80(1g).txt  
 M81(11).txt  
 M82(1w).txt  
 M83(mb).txt  
 M84(ow).txt  
 M85(1b).txt  
 M86(1b).txt  
 M87(wn).txt  
 M90(gordDB).txt  
 m126.txt  
 M128.txt  
 M103.txt  
 M475.txt  
 M476.txt  
 M830.txt  
 Atcc5-int.txt  
 ATCC5-0-int.txt  
 M18.txt  
 M19.txt  
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 M112.txt  
 M312.txt  
 Atcc6-kan.txt  
 ATCC6-0-kan.txt  
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SEQ ID NO 57  
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BASE NOS 121-180

[illegible]

Table 1

[illegible]

Table 1  
BASE NOS 181-240

M177.txt	SEQ ID NO 57	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M118.txt	SEQ ID NO 58	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY221.txt	SEQ ID NO 59	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY223.txt	SEQ ID NO 60	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY225.txt	SEQ ID NO 61	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY341.txt	SEQ ID NO 62	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY115.txt	SEQ ID NO 63	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY470.txt	SEQ ID NO 64	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
Atcc4-go.txt	SEQ ID NO 65	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
ATCC4-0-Gord.txt	SEQ ID NO 66	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M78(1z).txt	SEQ ID NO 67	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M79(jd).txt	SEQ ID NO 68	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M80(1g).txt	SEQ ID NO 69	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M81(1l).txt	SEQ ID NO 70	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M82(1m).txt	SEQ ID NO 71	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M83(mb).txt	SEQ ID NO 72	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M84(ow).txt	SEQ ID NO 73	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M85(1b).txt	SEQ ID NO 74	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M86(rb).txt	SEQ ID NO 75	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M87(wm).txt	SEQ ID NO 76	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M90(gordDB).txt	SEQ ID NO 77	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
m126.txt	SEQ ID NO 78	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M128.txt	SEQ ID NO 79	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY103.txt	SEQ ID NO 80	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY475.txt	SEQ ID NO 81	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY476.txt	SEQ ID NO 82	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY830.txt	SEQ ID NO 83	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
Atcc5-int.txt	SEQ ID NO 84	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
ATCC5-0-int.txt	SEQ ID NO 85	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M18.txt	SEQ ID NO 86	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M19.txt	SEQ ID NO 87	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M20.txt	SEQ ID NO 88	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M21.txt	SEQ ID NO 89	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M22.txt	SEQ ID NO 90	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M23.txt	SEQ ID NO 91	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M24.txt	SEQ ID NO 92	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M25.txt	SEQ ID NO 93	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M26.txt	SEQ ID NO 94	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M27.txt	SEQ ID NO 95	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M28.txt	SEQ ID NO 96	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M107.txt	SEQ ID NO 97	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY107.txt	SEQ ID NO 98	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY112.txt	SEQ ID NO 99	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
MY312.txt	SEQ ID NO 100	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
Atcc6-kan.txt	SEQ ID NO 101	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
ATCC6-0kan.txt	SEQ ID NO 102	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M1.txt	SEQ ID NO 103	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M2.txt	SEQ ID NO 104	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M3.txt	SEQ ID NO 105	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M4.txt	SEQ ID NO 106	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M6.txt	SEQ ID NO 107	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M7.txt	SEQ ID NO 108	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M9.txt	SEQ ID NO 109	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M57.txt	SEQ ID NO 110	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M58.txt	SEQ ID NO 111	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA
M59.txt	SEQ ID NO 112	AGCGTGGCCGGGCTTGAAGTCCGCGACGTCGACCTCGAAGCCCACTACGGCCCGGATGTGCCCGA

## Table 1

[illegible]

## Table 1

[illegible]



Table 1  
BASE NOS 241-300[illegible]



Table 1  
BASE NOS 241-300

M38. txt	SEQ ID NO 169	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M39. txt	SEQ ID NO 170	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M40. txt	SEQ ID NO 171	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M41. txt	SEQ ID NO 172	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M42. txt	SEQ ID NO 173	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M43. txt	SEQ ID NO 174	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M44. txt	SEQ ID NO 175	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M45. txt	SEQ ID NO 176	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M46. txt	SEQ ID NO 177	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M47. txt	SEQ ID NO 178	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M68(Mav6). txt	SEQ ID NO 179	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M89. txt	SEQ ID NO 180	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG
M66(Mav4). txt	SEQ ID NO 181	TCGAAACCCCGGAGGGG	CCGAAACATCGGT	TGATCGGGCTCGCTGT	CGGTGTACGCGCGGGG

250 260 270 280 290 300

BASE NOS 301-360

[illegible]

Table 1  
BASE NOS 301-360[illegible]

Table 1

[illegible]

## Table 1

**BASE NOS 301-360**

SEQ ID NO 169  
SEQ ID NO 170  
SEQ ID NO 171  
SEQ ID NO 172  
SEQ ID NO 173  
SEQ ID NO 174  
SEQ ID NO 175  
SEQ ID NO 176  
SEQ ID NO 177  
SEQ ID NO 178  
SEQ ID NO 179  
SEQ ID NO 180  
SEQ ID NO 181

Table 1  
BASE NOS 361-420

ATCC9-Mtb.txt	SEQ.ID.NO 1	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
MY621.txt	SEQ.ID.NO 2	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
Atcc1-av.txt	SEQ.ID.NO 3	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N29.txt	SEQ.ID.NO 4	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N30.txt	SEQ.ID.NO 5	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N31.txt	SEQ.ID.NO 6	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N32.txt	SEQ.ID.NO 7	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N33.txt	SEQ.ID.NO 8	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N34.txt	SEQ.ID.NO 9	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N38-nw.txt	SEQ.ID.NO 10	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N49.txt	SEQ.ID.NO 11	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N64(Mav2).txt	SEQ.ID.NO 12	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N65(Mav3).txt	SEQ.ID.NO 13	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N67(Mav5).txt	SEQ.ID.NO 14	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N69(Mav7).txt	SEQ.ID.NO 15	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N71(Mav9).txt	SEQ.ID.NO 16	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N91.txt	SEQ.ID.NO 17	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N94.txt	SEQ.ID.NO 18	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N95.txt	SEQ.ID.NO 19	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N96.txt	SEQ.ID.NO 20	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N100.txt	SEQ.ID.NO 21	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N101.txt	SEQ.ID.NO 22	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N102.txt	SEQ.ID.NO 23	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N104.txt	SEQ.ID.NO 24	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N105.txt	SEQ.ID.NO 25	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N106.txt	SEQ.ID.NO 26	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N111.txt	SEQ.ID.NO 27	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N76.txt	SEQ.ID.NO 28	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
MY451.txt	SEQ.ID.NO 29	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
ATCC2-chelnav.txt	SEQ.ID.NO 30	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N10.txt	SEQ.ID.NO 31	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N11-662.txt	SEQ.ID.NO 32	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N12.txt	SEQ.ID.NO 33	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N13_2_662.txt	SEQ.ID.NO 34	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N14.txt	SEQ.ID.NO 35	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N15.txt	SEQ.ID.NO 36	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N16.txt	SEQ.ID.NO 37	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N17_2_662.txt	SEQ.ID.NO 38	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N50.txt	SEQ.ID.NO 39	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N51.txt	SEQ.ID.NO 40	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N115.txt	SEQ.ID.NO 41	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N116.txt	SEQ.ID.NO 42	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N119.txt	SEQ.ID.NO 43	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
MY109.txt	SEQ.ID.NO 44	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
MY200.txt	SEQ.ID.NO 45	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
MY207.txt	SEQ.ID.NO 46	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
MY209.txt	SEQ.ID.NO 47	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N122.txt	SEQ.ID.NO 48	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N123.txt	SEQ.ID.NO 49	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N124.txt	SEQ.ID.NO 50	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
Atcc3-for.txt	SEQ.ID.NO 51	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N53.txt	SEQ.ID.NO 52	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N54.txt	SEQ.ID.NO 53	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N55.txt	SEQ.ID.NO 54	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
N56.txt	SEQ.ID.NO 55	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT
MY4(Mav12).txt	SEQ.ID.NO 56	ACGAGATCTCGGTGTTACCTGACCGGCCGACGAGGAGGACCGCCACCGTGGTGGCACAAGGCCCAATT



Table 1  
BASE NOS 361-420

M77.txt	SEQ ID NO 57	ACGAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M118.txt	SEQ ID NO 58	ACGAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M221.txt	SEQ ID NO 59	AYCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M223.txt	SEQ ID NO 60	AYCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M225.txt	SEQ ID NO 61	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M341.txt	SEQ ID NO 62	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M715.txt	SEQ ID NO 63	ACGAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M470.txt	SEQ ID NO 64	ACGAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
Atcc4-go.txt	SEQ ID NO 65	ACGAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
ATCC4-0-Gord.txt	SEQ ID NO 66	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M78(1z).txt	SEQ ID NO 67	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M79(1d).txt	SEQ ID NO 68	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M80(1g).txt	SEQ ID NO 69	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M81(11).txt	SEQ ID NO 70	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M82(1m).txt	SEQ ID NO 71	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M83(1mb).txt	SEQ ID NO 72	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M84(1ow).txt	SEQ ID NO 73	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M85(1b).txt	SEQ ID NO 74	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M86(1rb).txt	SEQ ID NO 75	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M87(1wn).txt	SEQ ID NO 76	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M90(gordDB).txt	SEQ ID NO 77	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M126.txt	SEQ ID NO 78	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M128.txt	SEQ ID NO 79	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M103.txt	SEQ ID NO 80	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M475.txt	SEQ ID NO 81	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M476.txt	SEQ ID NO 82	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M830.txt	SEQ ID NO 83	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
Atcc5-int.txt	SEQ ID NO 84	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
ATCC5-0-int.txt	SEQ ID NO 85	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M18.txt	SEQ ID NO 86	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M19.txt	SEQ ID NO 87	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M20.txt	SEQ ID NO 88	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M21.txt	SEQ ID NO 89	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M22.txt	SEQ ID NO 90	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M23.txt	SEQ ID NO 91	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M24.txt	SEQ ID NO 92	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M25.txt	SEQ ID NO 93	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M26.txt	SEQ ID NO 94	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M27.txt	SEQ ID NO 95	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M28.txt	SEQ ID NO 96	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M107.txt	SEQ ID NO 97	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M107.txt	SEQ ID NO 98	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M112.txt	SEQ ID NO 99	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M1312.txt	SEQ ID NO 100	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
Atcc6-kan.txt	SEQ ID NO 101	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
ATCC6-0kan.txt	SEQ ID NO 102	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M1.txt	SEQ ID NO 103	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M2.txt	SEQ ID NO 104	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M3.txt	SEQ ID NO 105	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M4.txt	SEQ ID NO 106	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M6.txt	SEQ ID NO 107	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M7.txt	SEQ ID NO 108	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M9.txt	SEQ ID NO 109	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M57.txt	SEQ ID NO 110	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M58.txt	SEQ ID NO 111	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT
M59.txt	SEQ ID NO 112	ATCAGATCGGACCGCCGACGAGGAGGACCGCCACCGTGGTGGCCAGGCCAACT

[illegible]



[illegible]

Table 1

SEQ ID NO 111	SEQ ID NO 112	SEQ ID NO 113	SEQ ID NO 114	SEQ ID NO 115	SEQ ID NO 116	SEQ ID NO 117	SEQ ID NO 118	SEQ ID NO 119	SEQ ID NO 120	SEQ ID NO 121	SEQ ID NO 122	SEQ ID NO 123	SEQ ID NO 124	SEQ ID NO 125	SEQ ID NO 126	SEQ ID NO 127	SEQ ID NO 128	SEQ ID NO 129	SEQ ID NO 130	SEQ ID NO 131	SEQ ID NO 132	SEQ ID NO 133	SEQ ID NO 134	SEQ ID NO 135	SEQ ID NO 136	SEQ ID NO 137	SEQ ID NO 138	SEQ ID NO 139	SEQ ID NO 140	SEQ ID NO 141	SEQ ID NO 142	SEQ ID NO 143	SEQ ID NO 144	SEQ ID NO 145	SEQ ID NO 146	SEQ ID NO 147	SEQ ID NO 148	SEQ ID NO 149	SEQ ID NO 150	SEQ ID NO 151	SEQ ID NO 152	SEQ ID NO 153	SEQ ID NO 154	SEQ ID NO 155	SEQ ID NO 156	SEQ ID NO 157	SEQ ID NO 158	SEQ ID NO 159	SEQ ID NO 160	SEQ ID NO 161	SEQ ID NO 162	SEQ ID NO 163	SEQ ID NO 164	SEQ ID NO 165	SEQ ID NO 166	SEQ ID NO 167	SEQ ID NO 168
MI60.txt	MI61.txt	MI62.txt	MY106.txt	MY216.txt	MY218.txt	MY226.txt	MI09.txt	MI10.txt	MI11.txt	MI12.txt	MI13.txt	MI14.txt	MY325.txt	MY718.txt	MY214.txt	MY224.txt	MY244.txt	MY339.txt	MY343.txt	MY458.txt	MY809.txt	MY817.txt	MY821.txt	MY824.txt	MY102.txt	MY105.txt	MY251.txt	MY256.txt	MY294.txt	MY354.txt	ATCC7-9cr.txt	ATCC7-08cr.txt	MY121.txt	MY249.txt	MY372.txt	MY378.txt	MY484.txt	MY556.txt	MY563.txt	MY586.txt	ATCC8-9me.txt	AT35.txt	AT36.txt	AT37.txt	MI25.txt	MY143.txt	MY104.txt	MY196.txt	MY357.txt	MY358.txt	MY480.txt	MY212.txt	MY491.txt	MY497.txt	MY816.txt		

Table 1  
BASE NOS 481-540

ATCC9-mtb.txt	SEQ ID NO 1	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
MY621.txt	SEQ ID NO 2	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
Atcc1-av.txt	SEQ ID NO 3	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M29.txt	SEQ ID NO 4	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M30.txt	SEQ ID NO 5	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M31.txt	SEQ ID NO 6	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M32.txt	SEQ ID NO 7	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M33.txt	SEQ ID NO 8	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M34.txt	SEQ ID NO 9	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M35-new.txt	SEQ ID NO 10	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M49.txt	SEQ ID NO 11	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M64(Mav2).txt	SEQ ID NO 12	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M65(Mav3).txt	SEQ ID NO 13	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M67(Mav5).txt	SEQ ID NO 14	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M69(Mav7).txt	SEQ ID NO 15	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M71(Mav9).txt	SEQ ID NO 16	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M91.txt	SEQ ID NO 17	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M94.txt	SEQ ID NO 18	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M95.txt	SEQ ID NO 19	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M96.txt	SEQ ID NO 20	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M100.txt	SEQ ID NO 21	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M101.txt	SEQ ID NO 22	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M102.txt	SEQ ID NO 23	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M104.txt	SEQ ID NO 24	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M105.txt	SEQ ID NO 25	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M106.txt	SEQ ID NO 26	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M111.txt	SEQ ID NO 27	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M176.txt	SEQ ID NO 28	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
MY451.txt	SEQ ID NO 29	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
ATCC2-cholesterol.txt	SEQ ID NO 30	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M10.txt	SEQ ID NO 31	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M11-662.txt	SEQ ID NO 32	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M12.txt	SEQ ID NO 33	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M13 2 662.txt	SEQ ID NO 34	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M14.txt	SEQ ID NO 35	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M15.txt	SEQ ID NO 36	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M16.txt	SEQ ID NO 37	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M17 2 662.txt	SEQ ID NO 38	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M50.txt	SEQ ID NO 39	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M51.txt	SEQ ID NO 40	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M115.txt	SEQ ID NO 41	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M116.txt	SEQ ID NO 42	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M119.txt	SEQ ID NO 43	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
MY109.txt	SEQ ID NO 44	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
MY200.txt	SEQ ID NO 45	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
MY207.txt	SEQ ID NO 46	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
MY209.txt	SEQ ID NO 47	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M122.txt	SEQ ID NO 48	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M123.txt	SEQ ID NO 49	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M124.txt	SEQ ID NO 50	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
Atcc3-for.txt	SEQ ID NO 51	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M53.txt	SEQ ID NO 52	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M54.txt	SEQ ID NO 53	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M55.txt	SEQ ID NO 54	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M56.txt	SEQ ID NO 55	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC
M71(Mav2).txt	SEQ ID NO 56	GCCGCAAGGCGGGCGAGGTGGAGTACGTGCCCCTCGTCTGAGGTTGGACTACATGGACGTC

[illegible]

## Table 1

[illegible]





Table 1  
BASE NOS 541-600

SEQ ID NO 57	h177.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 58	M118.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 59	M221.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 60	M223.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 61	M225.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 62	Hy341.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 63	Hy1715.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 64	Hy470.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 65	Atcc4-go.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 66	ATCC4-0-Gord.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 67	Hy79(12).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 68	Hy79(jd).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 69	H80(lg).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 70	H81(11).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 71	H82(rn).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 72	H83(mb).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 73	H84(ow).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 74	H85(lb).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 75	H86(rb).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 76	H87(wr).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 77	g190(gordDB).txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 78	m126.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 79	M128.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 80	Hy1103.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 81	Hy475.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 82	Hy476.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 83	Hy830.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 84	Atcc5-int.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 85	ATCC5-0-int.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 86	M18.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 87	M19.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 88	M20.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 89	M21.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 90	M22.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 91	M23.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 92	M24.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 93	M25.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 94	M26.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 95	M27.txt	CACCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 96	M28.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 97	Hy107.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 98	Hy107.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 99	Hy112.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 100	Hy312.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 101	Atcc6-kan.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 102	ATCC6-Kan.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 103	M1.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 104	M2.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 105	M3.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 106	M4.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 107	M6.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 108	M7.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 109	M9.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 110	M57.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 111	M58.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC
SEQ ID NO 112	M59.txt	CGCCGCGCCAGATGGTGTCTTGTGTCCTTCCCTGAGCAGCAGCAGCAGC

Table 1

SEQ.ID.NO 113	SEQ.ID.NO 114	SEQ.ID.NO 115	SEQ.ID.NO 116	SEQ.ID.NO 117	SEQ.ID.NO 118	SEQ.ID.NO 119	SEQ.ID.NO 120	SEQ.ID.NO 121	SEQ.ID.NO 122	SEQ.ID.NO 123	SEQ.ID.NO 124	SEQ.ID.NO 125	SEQ.ID.NO 126	SEQ.ID.NO 127	SEQ.ID.NO 128	SEQ.ID.NO 129	SEQ.ID.NO 130	SEQ.ID.NO 131	SEQ.ID.NO 132	SEQ.ID.NO 133	SEQ.ID.NO 134	SEQ.ID.NO 135	SEQ.ID.NO 136	SEQ.ID.NO 137	SEQ.ID.NO 138	SEQ.ID.NO 139	SEQ.ID.NO 140	SEQ.ID.NO 141	SEQ.ID.NO 142	SEQ.ID.NO 143	SEQ.ID.NO 144	SEQ.ID.NO 145	SEQ.ID.NO 146	SEQ.ID.NO 147	SEQ.ID.NO 148	SEQ.ID.NO 149	SEQ.ID.NO 150	SEQ.ID.NO 151	SEQ.ID.NO 152	SEQ.ID.NO 153	SEQ.ID.NO 154	SEQ.ID.NO 155	SEQ.ID.NO 156	SEQ.ID.NO 157	SEQ.ID.NO 158	SEQ.ID.NO 159	SEQ.ID.NO 160	SEQ.ID.NO 161	SEQ.ID.NO 162	SEQ.ID.NO 163	SEQ.ID.NO 164	SEQ.ID.NO 165	SEQ.ID.NO 166	SEQ.ID.NO 167	SEQ.ID.NO 168							
My106.txt	My107.txt	My108.txt	My109.txt	My110.txt	My111.txt	My112.txt	My113.txt	My114.txt	My115.txt	My116.txt	My117.txt	My118.txt	My119.txt	My120.txt	My121.txt	My122.txt	My123.txt	My124.txt	My125.txt	My126.txt	My127.txt	My128.txt	My129.txt	My130.txt	My131.txt	My132.txt	My133.txt	My134.txt	My135.txt	My136.txt	My137.txt	My138.txt	My139.txt	My140.txt	My141.txt	My142.txt	My143.txt	My144.txt	My145.txt	My146.txt	My147.txt	My148.txt	My149.txt	My150.txt	My151.txt	My152.txt	My153.txt	My154.txt	My155.txt	My156.txt	My157.txt	My158.txt	My159.txt	My160.txt	My161.txt	My162.txt	My163.txt	My164.txt	My165.txt	My166.txt	My167.txt	My168.txt
My106.txt	My107.txt	My108.txt	My109.txt	My110.txt	My111.txt	My112.txt	My113.txt	My114.txt	My115.txt	My116.txt	My117.txt	My118.txt	My119.txt	My120.txt	My121.txt	My122.txt	My123.txt	My124.txt	My125.txt	My126.txt	My127.txt	My128.txt	My129.txt	My130.txt	My131.txt	My132.txt	My133.txt	My134.txt	My135.txt	My136.txt	My137.txt	My138.txt	My139.txt	My140.txt	My141.txt	My142.txt	My143.txt	My144.txt	My145.txt	My146.txt	My147.txt	My148.txt	My149.txt	My150.txt	My151.txt	My152.txt	My153.txt	My154.txt	My155.txt	My156.txt	My157.txt	My158.txt	My159.txt	My160.txt	My161.txt	My162.txt	My163.txt	My164.txt	My165.txt	My166.txt	My167.txt	My168.txt

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2014.04.16

Table 1  
BASE NOS 600-660[illegible]

Table 1  
BASE NOS 600-660

M77.txt	SEQ ID NO 57	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M118.txt	SEQ ID NO 58	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M221.txt	SEQ ID NO 59	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M223.txt	SEQ ID NO 60	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M225.txt	SEQ ID NO 61	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
Hy341.txt	SEQ ID NO 62	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
Hy715.txt	SEQ ID NO 63	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
Hy470.txt	SEQ ID NO 64	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
Atcc4-go.txt	SEQ ID NO 65	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
ATCC4-0-Gord.txt	SEQ ID NO 66	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M78(1z).txt	SEQ ID NO 67	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M79(3d).txt	SEQ ID NO 68	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M80(1g).txt	SEQ ID NO 69	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M81(11).txt	SEQ ID NO 70	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M82(1m).txt	SEQ ID NO 71	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M83(1b).txt	SEQ ID NO 72	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M84(1w).txt	SEQ ID NO 73	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M85(1b).txt	SEQ ID NO 74	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M86(1b).txt	SEQ ID NO 75	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M87(1w).txt	SEQ ID NO 76	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M90(gordb).txt	SEQ ID NO 77	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
m126.txt	SEQ ID NO 78	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M128.txt	SEQ ID NO 79	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
My103.txt	SEQ ID NO 80	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
My475.txt	SEQ ID NO 81	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
My476.txt	SEQ ID NO 82	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
My830.txt	SEQ ID NO 83	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
Atcc5-int.txt	SEQ ID NO 84	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
ATCC5-0int.txt	SEQ ID NO 85	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M18.txt	SEQ ID NO 86	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M19.txt	SEQ ID NO 87	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M20.txt	SEQ ID NO 88	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M21.txt	SEQ ID NO 89	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M22.txt	SEQ ID NO 90	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M23.txt	SEQ ID NO 91	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M24.txt	SEQ ID NO 92	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M25.txt	SEQ ID NO 93	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M26.txt	SEQ ID NO 94	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M27.txt	SEQ ID NO 95	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M28.txt	SEQ ID NO 96	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M107.txt	SEQ ID NO 97	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
My107.txt	SEQ ID NO 98	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
My112.txt	SEQ ID NO 99	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
My312.txt	SEQ ID NO 100	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
Atcc6-kan.txt	SEQ ID NO 101	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
ATCC6-0kan.txt	SEQ ID NO 102	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M1.txt	SEQ ID NO 103	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M2.txt	SEQ ID NO 104	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M3.txt	SEQ ID NO 105	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M4.txt	SEQ ID NO 106	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M6.txt	SEQ ID NO 107	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M7.txt	SEQ ID NO 108	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M9.txt	SEQ ID NO 109	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M57.txt	SEQ ID NO 110	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M58.txt	SEQ ID NO 111	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG
M59.txt	SEQ ID NO 112	CCAAACCGGTGCCCTT	GATGGGGT	GC	AACATGCAGCGCGCCAGGCGGT	CCGCTGGT	AGCG

BASE NOS 600-660

[illegible]

64

2000

[illegible]



Table 1

BASE NOS 660-720

ATCC9-Mtb.txt	SEQ ID NO 1	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
MY621.txt	SEQ ID NO 2	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
Atcc1-av.txt	SEQ ID NO 3	ANGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M29.txt	SEQ ID NO 4	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M30.txt	SEQ ID NO 5	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M31.txt	SEQ ID NO 6	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M32.txt	SEQ ID NO 7	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M33.txt	SEQ ID NO 8	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M34.txt	SEQ ID NO 9	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M48-new.txt	SEQ ID NO 10	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M49.txt	SEQ ID NO 11	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M64(Mav2).txt	SEQ ID NO 12	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M65(Mav3).txt	SEQ ID NO 13	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M67(Mav5).txt	SEQ ID NO 14	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M69(Mav7).txt	SEQ ID NO 15	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M71(Mav9).txt	SEQ ID NO 16	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M91.txt	SEQ ID NO 17	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M94.txt	SEQ ID NO 18	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M95.txt	SEQ ID NO 19	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M96.txt	SEQ ID NO 20	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M100.txt	SEQ ID NO 21	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M101.txt	SEQ ID NO 22	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M102.txt	SEQ ID NO 23	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M104.txt	SEQ ID NO 24	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M105.txt	SEQ ID NO 25	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M106.txt	SEQ ID NO 26	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
MY111.txt	SEQ ID NO 27	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M76.txt	SEQ ID NO 28	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
MY451.txt	SEQ ID NO 29	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
ATCC2-chelnew.txt	SEQ ID NO 30	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M10.txt	SEQ ID NO 31	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M11-662.txt	SEQ ID NO 32	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M12.txt	SEQ ID NO 33	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M13_2_662.txt	SEQ ID NO 34	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M14.txt	SEQ ID NO 35	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M15.txt	SEQ ID NO 36	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M16.txt	SEQ ID NO 37	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M17_2_662.txt	SEQ ID NO 38	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M50.txt	SEQ ID NO 39	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M51.txt	SEQ ID NO 40	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M115.txt	SEQ ID NO 41	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M116.txt	SEQ ID NO 42	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M119.txt	SEQ ID NO 43	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
MY109.txt	SEQ ID NO 44	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
MY200.txt	SEQ ID NO 45	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
MY207.txt	SEQ ID NO 46	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
MY209.txt	SEQ ID NO 47	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M122.txt	SEQ ID NO 48	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M123.txt	SEQ ID NO 49	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
M124.txt	SEQ ID NO 50	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTGCGCGCGGCGGATCGACGCGGCGGACGCT
Atcc3-for.txt	SEQ ID NO 51	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTTGC GCGCGGCGGATCGACGCGGCGGACGCT
M53.txt	SEQ ID NO 52	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTTGC GCGCGGCGGATCGACGCGGCGGACGCT
M54.txt	SEQ ID NO 53	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTTGC GCGCGGCGGATCGACGCGGCGGACGCT
M55.txt	SEQ ID NO 54	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTTGC GCGCGGCGGATCGACGCGGCGGACGCT
M56.txt	SEQ ID NO 55	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTTGC GCGCGGCGGATCGACGCGGCGGACGCT
M74(Mav12).txt	SEQ ID NO 56	AGGCGCCCGCTGGTGGGACCCGGGATGGAGCTTGC GCGCGGCGGATCGACGCGGCGGACGCT

BASE NOS 660-720

File	Seq ID	Seq
M77.txt	SEQ ID NO 57	AGGC
M118.txt	SEQ ID NO 58	AGGC
MY221.txt	SEQ ID NO 59	AGGC
MY223.txt	SEQ ID NO 60	AGGC
MY225.txt	SEQ ID NO 61	AGGC
MY341.txt	SEQ ID NO 62	AGGC
MY715.txt	SEQ ID NO 63	AGGC
MY470.txt	SEQ ID NO 64	AGGC
Atcc4-go.txt	SEQ ID NO 65	AGGC
ATCC4-0-Gord.txt	SEQ ID NO 66	AGGC
M78(12).txt	SEQ ID NO 67	AGGC
M79(jd).txt	SEQ ID NO 68	AGGC
M80(lg).txt	SEQ ID NO 69	AGGC
M81(11).txt	SEQ ID NO 70	AGGC
M82(rn).txt	SEQ ID NO 71	AGGC
M83(mb).txt	SEQ ID NO 72	AGGC
M84(ow).txt	SEQ ID NO 73	AGGC
M85(lb).txt	SEQ ID NO 74	AGGC
M86(rb).txt	SEQ ID NO 75	AGGC
M87(wr).txt	SEQ ID NO 76	AGGC
M90(gordDB).txt	SEQ ID NO 77	AGGC
m126.txt	SEQ ID NO 78	AGGC
M128.txt	SEQ ID NO 79	AGGC
MY103.txt	SEQ ID NO 80	AGGC
MY475.txt	SEQ ID NO 81	AGGC
MY476.txt	SEQ ID NO 82	AGGC
MY830.txt	SEQ ID NO 83	AGGC
Atcc5-int.txt	SEQ ID NO 84	AGGC
ATCC5-0-int.txt	SEQ ID NO 85	AGGC
M18.txt	SEQ ID NO 86	AGGC
M19.txt	SEQ ID NO 87	AGGC
M20.txt	SEQ ID NO 88	AGGC
M21.txt	SEQ ID NO 89	AGGC
M22.txt	SEQ ID NO 90	AGGC
M23.txt	SEQ ID NO 91	AGGC
M24.txt	SEQ ID NO 92	AGGC
M25.txt	SEQ ID NO 93	AGGC
M26.txt	SEQ ID NO 94	AGGC
M27.txt	SEQ ID NO 95	AGGC
M28.txt	SEQ ID NO 96	AGGC
M107.txt	SEQ ID NO 97	AGGC
MY107.txt	SEQ ID NO 98	AGGC
MY112.txt	SEQ ID NO 99	AGGC
MY312.txt	SEQ ID NO 100	AGGC
Atcc6-kan.txt	SEQ ID NO 101	AGGC
ATCC6-0kan.txt	SEQ ID NO 102	AGGC
M1.txt	SEQ ID NO 103	AGGC
M2.txt	SEQ ID NO 104	AGGC
M3.txt	SEQ ID NO 105	AGGC
M4.txt	SEQ ID NO 106	AGGC
M5.txt	SEQ ID NO 107	AGGC
M6.txt	SEQ ID NO 108	AGGC
M7.txt	SEQ ID NO 109	AGGC
M9.txt	SEQ ID NO 110	AGGC
M57.txt	SEQ ID NO 111	AGGC
M58.txt	SEQ ID NO 112	AGGC

7.

[illegible]

Table 1  
BASE NOS 660-720

M38.txt	SEQ ID NO 169	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT	670	680	690	700	710	720
M39.txt	SEQ ID NO 170	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M40.txt	SEQ ID NO 171	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M41.txt	SEQ ID NO 172	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M42.txt	SEQ ID NO 173	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M43.txt	SEQ ID NO 174	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M44.txt	SEQ ID NO 175	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M45.txt	SEQ ID NO 176	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M46.txt	SEQ ID NO 177	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M47.txt	SEQ ID NO 178	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M48 (Hav6).txt	SEQ ID NO 179	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M49.txt	SEQ ID NO 180	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						
M56 (Hav4).txt	SEQ ID NO 181	A GGC A CCGCTGGTGGGCA CCGGGATGGA A T T GCGCGCGGCGGATCGACGCGGCGGACGT						

Table 2

Affy#	SAMPLE ID#	Alt. ID	SPECIES
MY821		ATCC	<i>M. abscessus</i>
ATCC1	25291	ATCC-av	<i>M. avium</i>
M100	60300	MAC	<i>M. avium</i>
M101	60112	MAC	<i>M. avium</i>
M102	60268	MAC	<i>M. avium</i>
M103	60270	MAC	<i>M. avium</i>
M104	60272	MAC	<i>M. avium</i>
M105	60293	MAC	<i>M. avium</i>
M106	60313	MAC	<i>M. avium</i>
M107	60345	MAC	<i>M. avium</i>
M29	95-1764		<i>M. avium</i>
M30	95-1766		<i>M. avium</i>
M31	95-1768		<i>M. avium</i>
M32	95-1770		<i>M. avium</i>
M33	95-1775		<i>M. avium</i>
M34	95-1776		<i>M. avium</i>
M48	95-1765		<i>M. avium</i>
M49	95-1769		<i>M. avium</i>
M83	MAC #1	MAC	<i>M. avium</i>
M84	MAC #2	MAC	<i>M. avium</i>
M85	MAC #3	MAC	<i>M. avium</i>
M87	MAC #5	MAC	<i>M. avium</i>
M69	MAC #7	MAC	<i>M. avium</i>
M70	MAC #8	MAC	<i>M. avium</i>
M71	MAC #9	MAC	<i>M. avium</i>
M72	MAC #10	MAC	<i>M. avium</i>
M91	FM	<i>avium-intracell. FM(MAC)</i>	<i>M. avium</i>
M92	60040	MAC	<i>M. avium</i>
M93	60042	MAC	<i>M. avium</i>
M94	60049	MAC	<i>M. avium</i>
M95	60051	MAC	<i>M. avium</i>
M96	60110	MAC	<i>M. avium</i>
M97	60116	MAC	<i>M. avium</i>
M98	60123	MAC	<i>M. avium</i>
M99	60176	MAC	<i>M. avium</i>
M78	92-773		<i>M. bovis</i>
MY451			<i>M. bovis</i>
ATCC2	35752	ATCC-chel(new)	<i>M. chelonae</i>
M10	95A9151		<i>M. chelonae</i>
M11	95A0477		<i>M. chelonae</i>
M115	60121		<i>M. chelonae</i>
M116	52942		<i>M. chelonae</i>
M117	43192		<i>M. chelonae</i>
M118	53180		<i>M. chelonae</i>
M119	53131		<i>M. chelonae</i>
M12	95A4883		<i>M. chelonae</i>
M120	52923		<i>M. chelonae</i>
M121	52919		<i>M. chelonae</i>
M13	95A2811		<i>M. chelonae</i>
M14	95A0779		<i>M. chelonae</i>
M15	95A8854		<i>M. chelonae</i>
M16	95A8882		<i>M. chelonae</i>
M17	95A8881		<i>M. chelonae</i>
M50	95A11814		<i>M. chelonae</i>
M51	95A1102		<i>M. chelonae</i>
M75	#13	MAC#13	<i>M. chelonae</i>
MY109			<i>M. chelonae</i>
MY200			<i>M. chelonae</i>

Table 2

MY207			<i>M. chelonae</i>
MY209			<i>M. chelonae</i>
M122	60025		<i>M. flavescens</i>
M123	60078		<i>M. flavescens</i>
M124	60252		<i>M. flavescens</i>
ATCC3	6841	ATCC-for	<i>M. fortuitum</i>
M53	60305		<i>M. fortuitum</i>
M54	60344		<i>M. fortuitum</i>
M55	60435		<i>M. fortuitum</i>
M56	60447		<i>M. fortuitum</i>
M74	#12	MAC#12	<i>M. fortuitum</i>
M88	CH	fort. CH	<i>M. fortuitum</i>
MY221			<i>M. fortuitum</i>
MY223			<i>M. fortuitum</i>
MY225			<i>M. fortuitum</i>
MY341			<i>M. fortuitum</i>
MY715			<i>M. fortuitum</i>
MY470			<i>M. genevieve</i>
ATCC4	14470	ATCC-go	<i>M. gordonae</i>
ATCC4-0		gord.	<i>M. gordonae</i>
M125	60068		<i>M. gordonae</i>
M126	60182		<i>M. gordonae</i>
M127	60214		<i>M. gordonae</i>
M128	60283		<i>M. gordonae</i>
M78	92-942	gord. LZ	<i>M. gordonae</i>
M79	93-692	gord. JD	<i>M. gordonae</i>
M80	94-94	gord. LG	<i>M. gordonae</i>
M81	93-1231	gord. LL	<i>M. gordonae</i>
M82	93-463	gord. RM	<i>M. gordonae</i>
M83	92-1219	gord. MB	<i>M. gordonae</i>
M84	91-1131	gord. OW	<i>M. gordonae</i>
M85	91-1478	gord. LB	<i>M. gordonae</i>
M86	92-842	gord. RB	<i>M. gordonae</i>
M87	93-1180	gord. WN	<i>M. gordonae</i>
M90	DB	gord. DB	<i>M. gordonae</i>
MY103			<i>M. gordonae</i>
MY475			<i>M. gordonae</i>
MY476			<i>M. gordonae</i>
MY746			<i>M. gordonae</i>
MY830			<i>M. gordonae</i>
ATCC5		ATCC-int	<i>M. intracellulare</i>
ATCC5-0		intra	<i>M. intracellulare</i>
M18	95-1778		<i>M. intracellulare</i>
M19	95-1780		<i>M. intracellulare</i>
M20	95-1781		<i>M. intracellulare</i>
M21	95-1782		<i>M. intracellulare</i>
M22	95-1790		<i>M. intracellulare</i>
M23	95-1794		<i>M. intracellulare</i>
M24	95-1796		<i>M. intracellulare</i>
M25	95-1777		<i>M. intracellulare</i>
M26	95-1779		<i>M. intracellulare</i>
M27	95-1760		<i>M. intracellulare</i>
M28	95-1781		<i>M. intracellulare</i>
ATCC6	12478	ATCC-kan	<i>M. kansasii</i>
ATCC6-0		kans.	<i>M. kansasii</i>
M1	95A5375		<i>M. kansasii</i>
M2	95A10299		<i>M. kansasii</i>
M3	98A0020		<i>M. kansasii</i>
M4	95A3977		<i>M. kansasii</i>

Table 2

M5	95A4739		<i>M. kansasii</i>
M52	95A5381		<i>M. kansasii</i>
M57	80183		<i>M. kansasii</i>
M58	80180		<i>M. kansasii</i>
M59	80207		<i>M. kansasii</i>
M6	95A2695		<i>M. kansasii</i>
M60	80294		<i>M. kansasii</i>
M61	80308		<i>M. kansasii</i>
M62	80314		<i>M. kansasii</i>
M7	95A2694		<i>M. kansasii</i>
M73	#11	MAC#11	<i>M. kansasii</i>
M8	94A9042		<i>M. kansasii</i>
M9	95A1275		<i>M. kansasii</i>
MY106			<i>M. kansasii</i>
MY141			<i>M. kansasii</i>
MY216			<i>M. kansasii</i>
MY218			<i>M. kansasii</i>
MY228			<i>M. kansasii</i>
M108	80044		<i>M. malmoense</i>
M109	80149		<i>M. malmoense</i>
M110	80211		<i>M. malmoense</i>
M111	80202		<i>M. malmoense</i>
M112	80085		<i>M. malmoense</i>
M113	80047		<i>M. malmoense</i>
M114	80185		<i>M. malmoense</i>
MY325		ATCC	<i>M. malmoense</i>
MY718		malmo	<i>M. malmoense</i>
MY214			<i>M. marinum</i>
MY224			<i>M. marinum</i>
MY244			<i>M. marinum</i>
MY339			<i>M. marinum</i>
MY343			<i>M. marinum</i>
MY458		ATCC	<i>M. mucogenicum</i>
MY809			<i>M. mucogenicum</i>
MY817			<i>M. mucogenicum</i>
MY821			<i>M. mucogenicum</i>
MY824			<i>M. mucogenicum</i>
MY102			<i>M. nonchromogenicum</i>
MY105			<i>M. nonchromogenicum</i>
MY251			<i>M. nonchromogenicum</i>
MY256			<i>M. nonchromogenicum</i>
MY294			<i>M. nonchromogenicum</i>
ATCC7	19981	ATCC-scr	<i>M. scrofulaceum</i>
ATCC7-0		scrof.	<i>M. scrofulaceum</i>
MY121			<i>M. scrofulaceum</i>
MY249			<i>M. scrofulaceum</i>
MY372			<i>M. scrofulaceum</i>
MY378			<i>M. scrofulaceum</i>
MY484			<i>M. simiae</i>
MY556			<i>M. simiae</i>
MY583			<i>M. simiae</i>
MY586			<i>M. simiae</i>
ATCC8	19420	ATCC-smc	<i>M. smegmatis</i>
M35	95A1072		<i>M. smegmatis</i>
M36	95A8183		<i>M. smegmatis</i>
M37	95A4990		<i>M. smegmatis</i>
M77	92-144	smeg. JL	<i>M. smegmatis</i>
MY143		ATCC	<i>M. smegmatis</i>
MY104			<i>M. szulgai</i>

Table 2

MY198			<i>M. szulgai</i>
MY357			<i>M. szulgai</i>
MY358			<i>M. szulgai</i>
MY480			<i>M. szulgai</i>
TB74	C. 17.98.5		<i>M. tb</i> M160 DR
MY387			<i>M. tb</i>
MY418			<i>M. tb</i>
MY437			<i>M. tb</i>
MY482			<i>M. tb</i>
TB59	C. 18.98.1		<i>M. tb</i> H37rv DR
TB67	C. 18.98.1		<i>M. tb</i> H37rv DR
TB73	C. 17.98.1		<i>M. tb</i> H37rv DR
TB60	C. 18.98.2		<i>M. tb</i> J35 DR
TB65	C. 22.98.9		<i>M. tb</i> M101 DR
TB62	C. 18.98.4		<i>M. tb</i> M104 DR
TB69	C. 18.98.3		<i>M. tb</i> M104 DR
TB72	C. 18.98.7		<i>M. tb</i> M104DR
TB66	C. 22.98.10		<i>M. tb</i> M112 DR
TB63	C. 18.98.5		<i>M. tb</i> M140 DR
TB64	C. 18.98.6		<i>M. tb</i> M160 DR
TB70	C. 18.98.4		<i>M. tb</i> M160 DR
TB61	C. 18.98.3		<i>M. tb</i> M80 DR
TB68	C. 18.98.2		<i>M. tb</i> M80 DR
TB71	C. 18.98.8		<i>M. tb</i> M80 DR
MY212			<i>M. terrae</i>
MY354			<i>M. terrae</i>
MY491			<i>M. terrae</i>
MY497			<i>M. terrae</i>
MY816			<i>M. triplex</i>
ATCC9	27294	Mtb	<i>M. tuberculosis</i>
ATCC9-0		TB2020	<i>M. tuberculosis</i>
N/A	93-1071		<i>M. tuberculosis</i>
N/A	93-338		<i>M. tuberculosis</i>
N/A	92-852		<i>M. tuberculosis</i>
N/A	92-1005		<i>M. tuberculosis</i>
N/A	92-243		<i>M. tuberculosis</i>
N/A	92-304		<i>M. tuberculosis</i>
N/A	92-189		<i>M. tuberculosis</i>
N/A	92-187		<i>M. tuberculosis</i>
N/A	92-484		<i>M. tuberculosis</i>
N/A	94-577		<i>M. tuberculosis</i>
TB1	936		<i>M. tuberculosis</i>
TB10	1122		<i>M. tuberculosis</i>
TB11	3407		<i>M. tuberculosis</i>
TB12	978		<i>M. tuberculosis</i>
TB13	3553		<i>M. tuberculosis</i>
TB14	3468		<i>M. tuberculosis</i>
TB15	2163		<i>M. tuberculosis</i>
TB16	DW	DW	<i>M. tuberculosis</i>
TB17	CB	CB	<i>M. tuberculosis</i>
TB18	PB	PB	<i>M. tuberculosis</i>
TB19	AA	AA	<i>M. tuberculosis</i>
TB2	M0404A		<i>M. tuberculosis</i>
TB20	3492		<i>M. tuberculosis</i>
TB21	1435		<i>M. tuberculosis</i>
TB22	898		<i>M. tuberculosis</i>
TB23	2268		<i>M. tuberculosis</i>
TB24	3455		<i>M. tuberculosis</i>
TB25	37		<i>M. tuberculosis</i>



Table 2

TB26	173		<i>M. tuberculosis</i>
TB27	230		<i>M. tuberculosis</i>
TB28	2519		<i>M. tuberculosis</i>
TB29	T29233		<i>M. tuberculosis</i>
TB3	1231		<i>M. tuberculosis</i>
TB30	SP	SP	<i>M. tuberculosis</i>
TB31	3201		<i>M. tuberculosis</i>
TB32	3219		<i>M. tuberculosis</i>
TB33	80		<i>M. tuberculosis</i>
TB34	3442		<i>M. tuberculosis</i>
TB35	3502		<i>M. tuberculosis</i>
TB36	3759		<i>M. tuberculosis</i>
TB37	1295		<i>M. tuberculosis</i>
TB38	337		<i>M. tuberculosis</i>
TB39	394		<i>M. tuberculosis</i>
TB4	914		<i>M. tuberculosis</i>
TB40	499		<i>M. tuberculosis</i>
TB41	535		<i>M. tuberculosis</i>
TB42	607		<i>M. tuberculosis</i>
TB43	707		<i>M. tuberculosis</i>
TB44	692		<i>M. tuberculosis</i>
TB45	2408		<i>M. tuberculosis</i>
TB46	1069		<i>M. tuberculosis</i>
TB47	M3262A		<i>M. tuberculosis</i>
TB48	1338		<i>M. tuberculosis</i>
TB49	1368		<i>M. tuberculosis</i>
TB5	1145		<i>M. tuberculosis</i>
TB50	65		<i>M. tuberculosis</i>
TB51	727		<i>M. tuberculosis</i>
TB52	3455		<i>M. tuberculosis</i>
TB53	3506		<i>M. tuberculosis</i>
TB54	9600367		<i>M. tuberculosis</i>
TB55	9600173		<i>M. tuberculosis</i>
TB56	9503471		<i>M. tuberculosis</i>
TB57	9600309		<i>M. tuberculosis</i>
TB58	9600230		<i>M. tuberculosis</i>
TB6	1417		<i>M. tuberculosis</i>
TB7	SM2341		<i>M. tuberculosis</i>
TB75	2098		<i>M. tuberculosis</i>
TB76	173/1		<i>M. tuberculosis</i>
TB77	1122/1		<i>M. tuberculosis</i>
TB78	1417/1		<i>M. tuberculosis</i>
TB8	1587		<i>M. tuberculosis</i>
TB9	M7032A		<i>M. tuberculosis</i>
ATCC10	19250	ATCC-xen	<i>M. xenopi</i>
M129	60133		<i>M. xenopi</i>
M130	60200		<i>M. xenopi</i>
M131	60365		<i>M. xenopi</i>
M132	60387		<i>M. xenopi</i>
M38	95A5208		<i>M. xenopi</i>
M39	95A5399		<i>M. xenopi</i>
M40	95A3938		<i>M. xenopi</i>
M41	95A6762		<i>M. xenopi</i>
M42	95A0933		<i>M. xenopi</i>
M43	95A4320		<i>M. xenopi</i>
M44	95A3478		<i>M. xenopi</i>
M45	95A2997		<i>M. xenopi</i>
M46	95A8383		<i>M. xenopi</i>
M47	95A4319		<i>M. xenopi</i>

D2

Table 2

M68	MAC #6	MAC #6	M. xenopi
M89	SG	xen. SG	M. xenopi
MY219			M. xenopi
MY250			M. xenopi
MY252			M. xenopi
MY254			M. xenopi
MY255			M. xenopi
MY107			MAC
MY111			MAC
MY112			MAC
MY312			MAC
M68	MAC #4	MAC #4	unique

Concluded